

CLAIMS:

1. In a laser-cutting/engraving machine, a structure of a platform and an air-collecting bin, wherein a panel and a bottom base are mutually abutted on and connected to form the body of said machine, said machine body is provided therein
5 with a laser-engraving mechanism, said platform for a work piece and said air-collecting bin, said air-collecting bin is placed beneath, abutted on and connected to said platform, said laser-engraving mechanism is provided on said platform, said machine body is provided with a movable door for said air-collecting bin; said structure is characterized by that:
- 10 said platform for said work piece is composed of a plurality of upright folded thin plates forming a board with a large area, said folded thin plates form therebetween a plurality of holes, so that said work piece is placed on said platform contacting therewith in a net-line contacting mode to enhance removing crumbs and fixing said work piece; and
- 15 said air-collecting bin is in the form of a trapezoid box, and is provided on a rear side thereof with an air outlet, pivotally connecting members are provided above said outlet on said side to pivotally connect said platform, and is provided on another side thereof with a locking mechanism in opposition to said platform, said air-collecting bin is adapted to opening downwardly or closing for the convenience of collecting
20 dropped materials processed and clearing wastes and crumbs generated in processing.
2. The structure as in claim 1, wherein said upright folded thin plates of said platform are metallic thin plates.
3. The structure as in claim 1, wherein said locking mechanism is provided
25 with a plurality of locking holes and locking bolts for connecting said air-collecting

bin with said platform, said pivotally connecting members are hinges in favor of opening of said air-collecting bin.

4. The structure as in claim 1, wherein said holes provided on said platform are of one kind of hexagonal, quadrilateral and round shapes.

5 5. The structure as in claim 1, wherein said air outlet on said rear side of said air-collecting bin is connected externally to an air-drawing and dust-collecting device via a hole provided correspondingly on said bottom base to enhance fixing said work piece and removing crumbs and smoke as well as heat sinking when in drawing air.

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